



ENVIRONMENTAL & REGULATORY SERVICES
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Wisconsin Department of Commerce PECFA Program

Bid Round Number: 07

PECFA number: 53208-1022-00

BRRTS number: 03-41-004508

Site Name: Phillips 66 Service Station

Site Address: 5400 W. North Ave., Milwaukee, WI

Program contact: Jennifer Skinner, Site Review Hydrogeologist

Program contact address: 101 W. Pleasant St., Suite 205, Milwaukee, WI 53212

Program contact phone: 414-220-5373

Submitted Questions and Responses

1. How much of the SVE system has been installed to date?

The remedial system, approved in August 1997, is approximately 60% installed. Because installation has not been completed, the system has never operated other than for a pilot test.

According to the *Bid Documents for Soil Vapor Extraction and Groundwater Remediation System*, prepared by the original consultant, there are a total of 17 recovery wells that are currently installed. The maps with the locations of the wells are available for inspection by contacting Jennifer Skinner at Dept of Commerce/ERS, 101 W. Pleasant St., Ste. 205, Milwaukee, WI. Phone: (414) 220-5373. Additionally, the maps are available by contacting Ikon Office Solutions. (Contact Barbara Moczynski, Ikon Office Solutions, 205 E. Wisconsin Ave., Ste. 400, Milwaukee, WI. Phone: (414) 276-7077 and Fax: (414) 276-7119.)

According to the site background information in the original consultant's bid specifications for the SVE and groundwater remediation system, "the conceptual design for the full-scale system includes 17 extraction wells, seven of which will be used for both soil vapor and groundwater extraction, three that will be used for groundwater extraction only, and seven of which will be used for soil vapor extraction only. The SVE system will require a moderate level of vacuum (6 to 11 inches of mercury) with a flow rate of between 18.2 and 94.2 scfm per well to achieve a 25-foot to 45-foot radius of influence at each well. The groundwater system will pump at a combined flow rate of between 5 and 15 gallons per minute (gpm) (0.5 to 1.5 gpm per well) to achieve contaminant plume capture."

Further information on the remedial system is available in documents at Ikon Office Solutions. Also, the documents are available for review by contacting Jennifer Skinner.

2. What is the status of adjacent property, McFadden Service? Site investigation / RAP? Is there a co-mingled plume we have to address?

The Department of Natural Resources (WDNR) closed the adjacent property, the McFadden Service Station, with a groundwater-use restriction in October 1999. According to the WDNR, some of the wells that had been installed for the McFadden property investigation/remediation were transferred to the Phillips 66 property for use after the McFadden property was closed.

3. It does not appear any piezometers have been installed for this Site. Has the vertical extent of groundwater contamination been defined?

Contamination is at depth at the site, however, due to the limited infiltration of precipitation through the 17 feet to 22 feet of clay and the lack of high-capacity wells in the area drawing groundwater down, it is likely there is no strong downward gradient. Therefore, the department has not required a piezometer at this site.

4. Can we inspect the building prior to bidding the site? Who do we need to make arrangements with?

Due to the time restrictions and the logistics, a site visit will not be possible. Information on the remedial system is available in documents at Ikon Office Solutions. Also, the documents are available for review by contacting Jennifer Skinner.

****Please note: The Bid Specification incorrectly states that PECFA has reimbursed a total of \$285,272.78 to date for this site. The actual amount reimbursed to date is \$116,893.23.****